TP3-2131A024SR11C2015 (Order no. 088250)

Technical data

Approvals

Electrical connection values

Fuse	max. 4 A gG
Power consumption	8 W
Rated insulation voltage U_i	50 V
Rated impulse voltage U_{imp}	1.5 kV
Utilization category	
AC-15	4 A 50 V
DC-13	4 A 24 V
Solenoid operating voltage	
AC/DC	24 V -15% ... +10%
Solenoid duty cycle	100 %
Switching voltage	
min. at 10 mA	12 V
Switching current	
min. at 24 V	1 mA
thermal rated current I_{th}	4 A

Mechanical values and environment

Anfahrgeschwindigkeit	max. 20 m/min
Connection type	
1 x	Plug connector SR11
Number of door position NC contacts	1
Number of guard lock monitoring NO contacts	1
Number of guard lock monitoring positively driven contacts	2
Extraction force	20 N

Actuation frequency	max. 1200 1/h
Actuating force	10 N
Installation orientation	any
Storage temperature	–25 … 70 °C
Mechanical life	1 x 10^6
Retention force	10 N
Switching principle	Slow-action switching contact
Degree of protection	IP65
Ambient temperature	–20 … 55 °C
Material	
Housing	Reinforced thermoplastic
Contact	Silver alloy, gold flashed
Locking force F_{max}	1300 N
Locking force F_{Zh}	1000 N
Guard locking principle	Closed-circuit current principle

Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	$B10_D$	Mission time
Guard lock monitoring	$3x10^6$	20 y
	Important! Values valid at DC-13 100 mA/24V	

	PL	Maximum SIL	Category	Mission time
Control of guard locking	Depending on external control of guard locking			20 y

Miscellaneous

C number	
C2015	Plug outlet left

In combination with actuator ACTUATOR-P-GNT

Horizontal overtravel	7 mm